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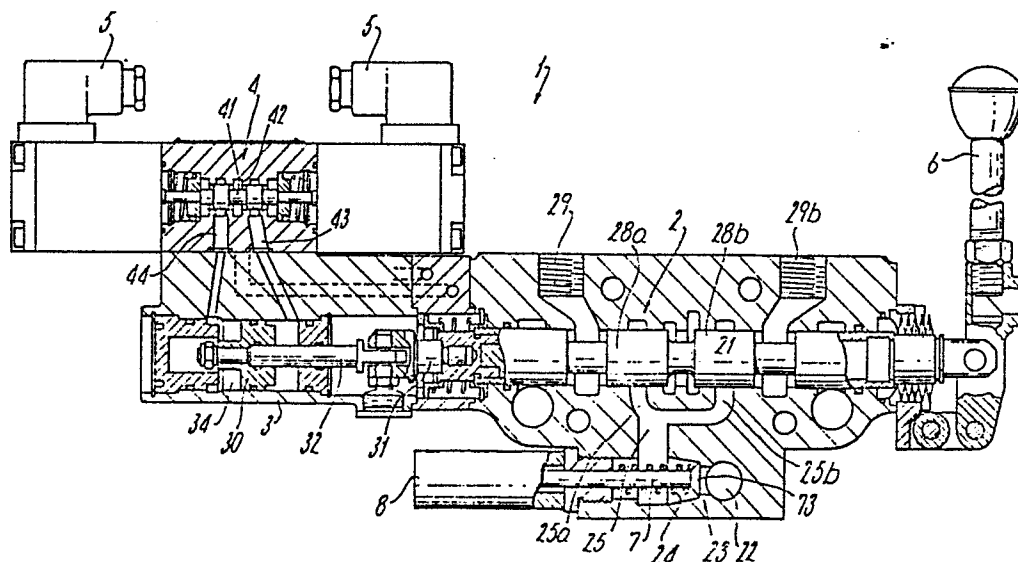
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54 Hydraulic valve.

57 In a pilot-operated hydraulic valve, a non-return valve (7) in the valve inlet (25) is arranged to operate simultaneously as a variable-orifice flow sensor. By combining the non-return and flow-sensing functions in the non-return valve (7) a significant saving in space and weight is achieved.





European Patent  
Office

## EUROPEAN SEARCH REPORT

0116739

Application number

EP 83 30 3677

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	EP-A-0 002 446 (REXROTH) * Abstract; page 5, line 29 - page 6, line 5; figure 1 *	1-5	F 15 B 13/043 F 15 B 11/02
Y	--- GB-A-1 174 768 (DOWTY) * Whole document *	1-5	
Y	--- US-A-4 315 436 (McCABE et al.) * Abstract; figure 1 *	1-5	
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			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			F 15 B 13/043 G 01 F 1/24
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10-01-1985	Examiner GERTIG I.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	